

SEQUENCE LISTING 05-102NIQ SEQ

<110> National Institute of Advanced Industrial Science and Technology
Kinki University
Kitakyushu Foundation for the Advancement of Industry

<120> Cytoplasm-localized DNA and RNA

<130> 05-102NIQ

<150> JP 2004-045488
<151> 2004-02-20

<150> JP 2004-136228
<151> 2004-04-30

<160> 28

<170> PatentIn version 3.1

<210> 1
<211> 10
<212> PRT
<213> HIV-1 Rev

<220>
<221> misc_feature
<222> (1)..(1)
<223> bAla

<400> 1

Ala Leu Pro Pro Leu Glu Arg Leu Thr Leu
1 5 10

<210> 2
<211> 10
<212> PRT
<213> PKI α

<400> 2

Leu Ala Leu Lys Leu Ala Gly Leu Asp Ile
1 5 10

<210> 3
<211> 13
<212> PRT
<213> MAPKK

<220>
<221> misc_feature
<222> (1)..(1)
<223> bAla

<400> 3

Ala Leu Gln Lys Lys Leu Glu Glu Leu Glu Leu Asp Glu
1 5 10

<210> 4
<211> 13
<212> PRT
<213> Dsk-1

<400> 4

Ser Leu Glu Gly Ala Val Ser Glu Ile Ser Leu Arg Asp
1 5 10

05-102NIQ SEQ

<210> 5
 <211> 14
 <212> PRT
 <213> HIV-1 tat C-terminus

<400> 5

Pro Thr Ser Gln Ser Arg Gly Asp Pro Thr Gly Pro Lys Glu
 1 5 10

<210> 6
 <211> 16
 <212> PRT
 <213> gp-41

<220>
 <221> misc_feature
 <222> (1)..(1)
 <223> bAla

<400> 6

Ala Val Gly Ala Ile Gly Ala Phe Leu Gly Phe Leu Gly Ala Ala Gly
 1 5 10 15

<210> 7
 <211> 12
 <212> PRT
 <213> Artificial

<220>
 <223> Peptide

<400> 7

Leu Arg Ala Leu Leu Arg Ala Leu Leu Arg Ala Leu
 1 5 10

<210> 8
 <211> 10
 <212> PRT
 <213> Artificial

<220>
 <223> Peptide

<400> 8

Leu Arg Leu Arg Leu Arg Leu Arg
 1 5 10

<210> 9
 <211> 21
 <212> RNA
 <213> Artificial

<220>
 <223> Probe

<400> 9
 cuacaucacg ccagucaact t

21

<210> 10
 <211> 21
 <212> RNA
 <213> Artificial

<220>

<223> Probe

<400> 10
guugacuggc gugauguagt t

21

<210> 11
<211> 19
<212> PRT
<213> TFIIIA

<400> 11
Gln Pro Asp Ala Ser Lys Ala Asp Pro Leu Pro Val Leu Glu Asn Leu
1 5 10 15

Thr Leu Lys

<210> 12
<211> 7
<212> PRT
<213> SV40 T antigen

<400> 12
Pro Lys Lys Lys Arg Lys Val
1 5

<210> 13
<211> 14
<212> PRT
<213> HIV-1 tat

<400> 13
Gly Arg Lys Lys Arg Arg Gln Arg Arg Arg Pro Pro Gln Gly
1 5 10

<210> 14
<211> 14
<212> PRT
<213> Artificial

<220>
<223> Peptide

<400> 14
Leu Arg Leu Arg Leu Arg Leu Arg Leu Arg Leu Arg
1 5 10

<210> 15
<211> 14
<212> PRT
<213> Artificial

<220>
<223> Peptide

<400> 15
Leu Lys Leu Lys Leu Lys Leu Lys Leu Lys Leu Lys
1 5 10

<210> 16
<211> 15
<212> DNA
<213> Artificial

05-102NIQ SEQ

<220>
<223> a sequence capable of binding to homo-purine sequence of double stranded DNA

<400> 16
tttttctctc tctct 15

<210> 17
<211> 13
<212> DNA
<213> Artificial

<220>
<223> a complimentary sequence to RNA template of human telomerase

<400> 17
cagttagggt tag 13

<210> 18
<211> 26
<212> DNA
<213> Artificial

<220>
<223> Human chromosome, abnormal fusion #22 chromosome

<400> 18
gggagaagct tctgaaacac ttcttc 26

<210> 19
<211> 22
<212> RNA
<213> Artificial

<220>
<223> Linker

<220>
<221> modified_base
<222> (1)..(1)
<223> Linker

<220>
<221> misc_feature
<222> (1)..(1)
<223> "n" is -O-CH. sub. 2CH. sub. 2-O-CH. sub. 2CH. sub. 2-NH. sub. 2

<400> 19
ncuacaucac gccagucaac tt 22

<210> 20
<211> 22
<212> RNA
<213> Artificial

<220>
<223> Linker

<220>
<221> modified_base
<222> (1)..(1)
<223> Linker

<220>
<221> misc_feature
<222> (1)..(1)
<223> "n" is -O-CH. sub. 2CH. sub. 2-O-CH. sub. 2CH. sub. 2-NH. sub. 2

<400> 20
nguugacugg cgugauguag tt 22

<210> 21
<211> 21
<212> RNA
<213> Artificial

<220>
<223> Modified thymidine

<220>
<221> modified_base
<222> (20).. (20)
<223> Modified thymidine

<400> 21
cuacaucacg ccagucaact t 21

<210> 22
<211> 21
<212> RNA
<213> Artificial

<220>
<223> Modified thymidine

<220>
<221> modified_base
<222> (20).. (20)
<223> Modified thymidine

<400> 22
guugacuggc gugauguagt t 21

<210> 23
<211> 21
<212> RNA
<213> Artificial

<220>
<223> Modified thymidine

<220>
<221> modified_base
<222> (6).. (6)
<223> Modified thymidine

<220>
<221> modified_base
<222> (15).. (15)
<223> Modified thymidine

<400> 23
cuacaucacg ccagucaact t 21

<210> 24
<211> 21
<212> RNA
<213> Artificial

<220>
<223> Modified thymidine

<220>

<221> modified_base
 <222> (7).. (7)
 <223> Modified thymidine

<220>
 <221> modified_base
 <222> (12).. (12)
 <223> Modified thymidine

<220>
 <221> modified_base
 <222> (15).. (15)
 <223> Modified thymidine

<220>
 <221> modified_base
 <222> (17).. (17)
 <223> Modified thymidine

<400> 24
 guugacuggc gugauguagt t

21

<210> 25
 <211> 22
 <212> RNA
 <213> Artificial

<220>
 <223> Linker

<220>
 <221> modified_base
 <222> (1).. (1)
 <223> Linker

<220>
 <221> misc_feature
 <222> (1).. (1)
 <223> "n" is -O-CH. sub. 2CH. sub. 2-O-CH. sub. 2CH. sub. 2-NH-R. sup. 1

<400> 25
 ncuacaucac gccagucaac tt

22

<210> 26
 <211> 21
 <212> RNA
 <213> Artificial

<220>
 <223> Modified thymidine

<220>
 <221> modified_base
 <222> (20).. (20)
 <223> Modified thymidine

<400> 26
 cuacaucacg ccagucaact t

21

<210> 27
 <211> 22
 <212> RNA
 <213> Artificial

<220>

<223> Modified thymidine

<220>

<221> modified_base

<222> (1)..(1)

<223> Linker

<220>

<221> modified_base

<222> (21)..(21)

<223> Modified thymidine

<220>

<221> misc_feature

<222> (1)..(1)

<223> "n" is -O-CH. sub. 2CH. sub. 2-O-CH. sub. 2CH. sub. 2-NH-R. sup. 1

<400> 27

ncuacaucac gccagucaac tt

22

<210> 28

<211> 22

<212> RNA

<213> Artificial

<220>

<223> Modified thymidine

<220>

<221> modified_base

<222> (1)..(1)

<223> Linker

<220>

<221> modified_base

<222> (3)..(3)

<223> Modified thymidine

<220>

<221> modified_base

<222> (7)..(7)

<223> Modified thymidine

<220>

<221> modified_base

<222> (16)..(16)

<223> Modified thymidine

<220>

<221> modified_base

<222> (21)..(21)

<223> Modified thymidine

<220>

<221> misc_feature

<222> (1)..(1)

<223> "n" is -O-CH. sub. 2CH. sub. 2-O-CH. sub. 2CH. sub. 2NH-R. sup. 1

<400> 28

ncuacaucac gccagucaac tt

22